

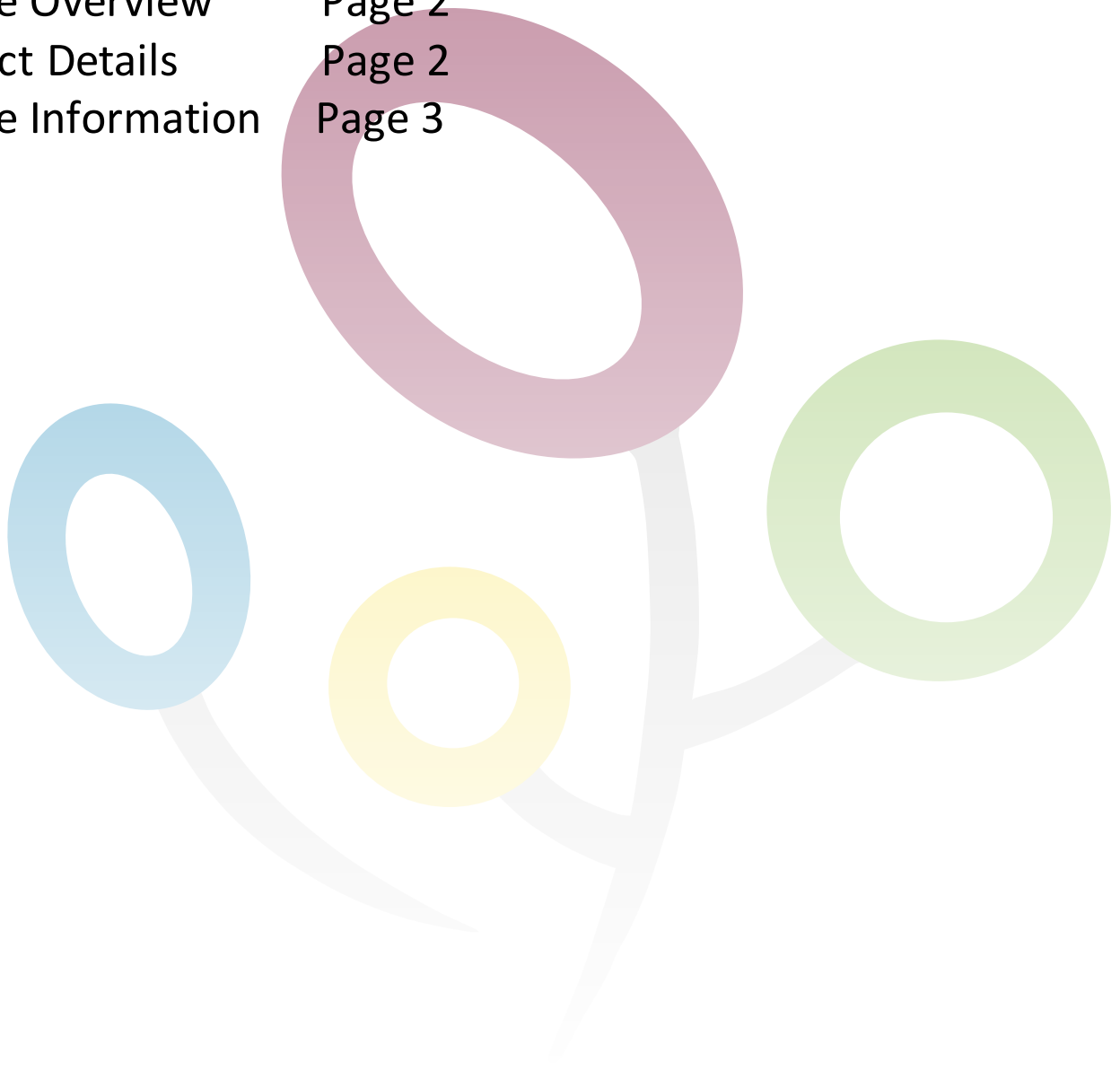
# Course Handbook - 2024

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## Paediatric Neuroscience 1: Foundation

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Feb 2023

## Course Overview

The module is delivered by the Faculty of Children's Nurse Education, working closely with other neuroscience units throughout the NHS South Paediatric Neuroscience Operation Delivery Network.

Module aims are to facilitate the personal and professional development of the course attendee by:

- Ensuring that the practitioner gains an understanding of the anatomy and physiology of the Central Nervous System
- Developing knowledge and skills in relation to the:
  - Assessment of a child presenting with a neurological emergency and their immediate management.
  - Continuation of evidence-based nursing care for children diagnosed with a neuroscience condition.
- Demonstrating the multi-professional team approach required for the care of children and their families with a neuroscience diagnosis.

## Contact Details

Course Lead:

Sarah Shinn

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## Course Information

<b>Pre-Requisites</b>
12 months post-registration experience
<b>Co-Requisites</b>
Course attendees must be working in an environment where children with a neuroscience diagnosis are cared for
<b>Content</b>
<p>This module will enable practitioners to develop their existing knowledge and skills in the management of children with a neuroscience diagnosis by increasing their understanding and application of current research and specialised practice.</p> <p>The module content is built upon the student's experience of caring for children and young people in various environments such as: paediatric wards, paediatric HDUs; PICU and CED areas which require RNs to care for the child following a neuroscience diagnosis.</p> <p>Topics will include:</p> <ul style="list-style-type: none"> <li>• Anatomy and physiology of the central nervous system</li> <li>• Neurological assessment of the child and young person</li> <li>• Management of the child in a neurological emergency</li> <li>• Physiology and management of the child with varying neuroscience conditions including neurological trauma, neurological infections, neuro- oncology, epilepsy</li> </ul>
<b>Aims</b>
To develop further the specialised knowledge and skills of practitioners in relation to the assessment and management of neurological care for children and their families.
<b>Assessed Learning Outcomes</b>
<ol style="list-style-type: none"> <li>1. Assess, plan, implement and evaluate interventions of neurological nursing care to ensure that it is safe and appropriate.</li> <li>2. Support and empower children and their families utilising professional expertise of self and the multi-disciplinary team, including advising, counselling and psychological support.</li> <li>3. Deliver holistic care which recognises ethical and legal issues.</li> <li>4. Contribute to an environment in which neurological nursing care is developed using an evidence-based philosophy.</li> </ol>

Summary of Teaching & Learning		
Activities	Hours	Comments/Additional Information
Lectures/ workshops/skills	45	6 x 7.5 hr days
Tutorials	Variable	Group tutorial 1 hour scheduled within course plus individual support/feedback (face to face or by email)
Guided independent learning	5	Scheduled or directed learning during course
Self-Directed study	150	Highly directed study/self to embed knowledge through course; deepening topic knowledge for and creation of assessment poster; facilitate theoretical learning alongside skills attainment in practice
Practical	Variable	Opportunities to develop knowledge and understanding working alongside mentor/or within other environments to gain experience: placements for learning can be locally negotiated by student
Total	200	Equivalent to 20 credits: at least 72 hours scheduled, 127 unscheduled

Assessment				
Category	Component Name		Weighting	Comments
In-Class Test	1	MCQ	50% Pass	MCQ undertaken under exam conditions on Day 6 of the course
Practice	1	Competency document	Pass/Fail	Achievement of specific competencies at a minimum of Taxonomy Stage 3 (or 2 in identified competencies)
Educational Tool (UHBW employees only)	1	Education tool	N/A	Education tool to be provided for the student's clinical area. Due to no time constraints, the tool is not part of the assessment criteria
Updated by	Sarah Shinn			
Date	November 2023			